

ELECTRONIC COMMUNICATIONS Trading Partner Agreement

JPL and the Subcontractor agree to facilitate purchase related transactions ("Transactions") by electronically transmitting and receiving data in agreed formats in substitution for conventional paper-based documents and to assure that such Transactions are not legally invalid or unenforceable as a result of the use of available electronic technologies for the mutual benefit of the parties.

Section 1. Prerequisites.

1.1 Documents: Standards. Each party may electronically transmit to or receive from the other party any of the transaction sets listed in Appendix 1 or Appendix 2, [transaction sets which the parties regularly transmit] and transaction sets which the parties by written agreement add to the Appendix 1 or Appendix 2 (collectively "Documents"). Any transmission of data, which is not a Document, shall have no force or effect between the parties. All Documents shall be transmitted in accordance with the standards set forth in Appendix 1 or Appendix 2.

1.2. Third Party Service Providers.

1.2.1 Documents will be transmitted electronically to each party either, as specified in Appendix 1 or Appendix 2, directly or through any third party service provider ("Provider") with which either party may contract. Either party may modify its election to use, not use or change a Provider upon 45 days prior written notice.

1.2.2 Each party shall be responsible for the costs of any Provider with which it contracts, unless otherwise set forth in Appendix 1 or Appendix 2.

1.2.3 Each party shall be liable for the acts or omissions of its Provider while transmitting, receiving, storing or handling Documents, or performing related activities, for such party; provided, that if both parties use the same Provider to effect the transmission and receipt of a Document, the originating party shall be liable for the acts or omissions of such Provider as to such Document.

1.3 System Operations. Each party, at its own expense, shall provide and maintain the equipment, software, services and testing necessary to effectively and reliably transmit and receive Documents.

1.4 Security Procedures. Each party shall properly use those security procedures, including those specified in Appendix 1 or Appendix 2, if any, which are reasonably sufficient to ensure that all transmissions of Documents are authorized and to protect its business records and data from improper access.

Section 2. Transmissions.

2.1. Proper Receipt. Documents shall not be deemed to have been properly received, and no Document shall give rise to any obligation, until accessible to the receiving party at such party's Receipt Computer designated in Appendix 1 or Appendix 2.

2.2 Verification. Upon proper receipt of any Document, the receiving party shall promptly and properly transmit a functional acknowledgment in return, as specified in Appendix 1. An acknowledgment shall constitute conclusive evidence a Document has been properly received. This acknowledgement is not required if transmitting Documents electronically using the methods described in Appendix 2.

2.3. Garbled Transmissions. If any transmitted Document is received in an unintelligible or garbled form, the receiving party shall promptly notify the originating party (if identifiable from received Document) in a reasonable manner. In the absence of such a notice, the originating party's records of the contents of such Document shall control.

2.4. Confidentiality. No information contained in any Document or otherwise exchanged between the parties shall be considered "original" when printed from electronic files or records established and maintained in the normal course of business.

Jet Propulsion Laboratory (JPL) Transmitting Purchase Orders via Electronic Data Interchange (EDI) Appendix 1

Appendix Date: 3/15/2017

Appendix Version: 1.0

General Information:

JPL Address: Jet Propulsion Laboratory
California Institute of Technology
4800 Oak Grove Drive
Pasadena, CA 91109-8099

Representative Name:
Title: Software Engineer
E-Mail (Internet):

Supplier Company Name:
Address:

Representative Name:
Title:
Phone:
E-Mail (Internet):

EDI Standards:

American National Standards Institute (ANSI) X12

Documents:

ANSI Transaction Set Number	Document Name/Description	Transmitted By	Verification Document	ANSI X12 Version
850*	Purchase Order	JPL	997	
997	Functional Acknowledgement	Supplier	N/A	4010

Industry Guidelines:

No specific industry guidelines are specified at this time.

Your Third Party Service Providers (TPSP) or Value Added Networks (VAN):

TPSP/VAN Name	Address
TPSP/VAN Contact	Technical Support
TPSP/VAN Phone	
TPSP/VAN Acct or ID #	
EDI ID	

JPL's TPSP or VAN information:

TPSP/VAN Name	Loren Data (Hubbub)
TPSP/VAN Contact	Technical Support
TPSP/VAN Phone	813-298-0433
TPSP/VAN Acct/ID	
EDI ID	095633152,01

Security Procedures:

No special security procedures are required at this time.

EDI Administrative Contacts:

JPL:	Jamel Lee
Title:	Enterprise System Analyst
Phone:	(818) 354-1268
E-Mail (Internet):	Jamel.J.Lee@jpl.nasa.gov

Supplier:
Title:
Phone:
E-Mail (Internet):

Alternate:
Title:
Phone:
E-Mail (Internet):

Jet Propulsion Laboratory (JPL) Transmitting Purchase Orders via cXML (cXML) Appendix 2

Appendix Date: 3/15/2017

Appendix Version: 1.0

General Information:

JPL Address: Jet Propulsion Laboratory
California Institute of Technology
4800 Oak Grove Drive
Pasadena, CA 91109-8099

Representative Name: Jamel Lee
Title: Enterprise Systems Analyst
E-Mail (Internet): Jamel.J.Lee@jpl.nasa.gov

Supplier Company Name:
Address:

Representative Name:
Title:
Phone:
E-Mail (Internet):

cXML Standards:
cXML version 1.2.007

Documents:

Transaction Name	Document Name/Description	Transmitted By	Transmission Method	cXML Version
cXML Order Request	Purchase Order	JPL	HTTPS	1.2.007

Industry Guidelines:

HTTPS using TLS 1.0 or TLS 2.0

Security Procedures:

No special security procedures are required at this time.

cXML Administrative Contacts:

JPL:	Jamel Lee
Title:	Enterprise System Analyst
Phone:	(818) 354-1268
E-Mail (Internet):	Jamel.J.Lee@jpl.nasa.gov

Supplier:
Title:
Phone:
E-Mail (Internet):

Alternate:
Title:
Phone:
E-Mail (Internet):